# Software User’s Manual

## Installation Guide

### Setting up environment at server side

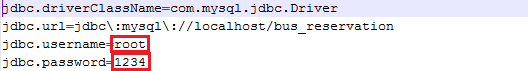
The following software must be installed into the server machine:

* Microsoft Windows 7 or a higher version
* Apache Tom Cat version 6 (can download from <http://tomcat.apache.org/>)
* Java Runtime Environment version 6 (can download from <http://www.microsoft.com/en-us/download/details.aspx?id=21>)
* mysql-5.1.65-win32 or higher (can download at <http://www.mysql.com/downloads/> )

After all necessary software is installed into the server; the deployed device needs to get the path to the Tom Cat server’s folder by setting CATALINA\_HOME environment variable to Tom Cat server’s folder

### Deployment at server sites

* Open MySQL and import bus-reservation.sql to create a new schema named bus\_reservation
* Copy bus-reservation.war file to %CATALINA\_HOME%\webapps
* Start Tomcat server by running %CATALINA\_HOME%\bin\startup.bat
* After the server successfully start up, modify the following files:
  + %CATALINA\_HOME%\webapps\bus-reservation\src\main\resources\ database.properties and change the following rows:



Change the value of jdbc.username to MySQL login username

Change the value of jdbc.password to MySQL login password

### Setting up environment at client side

The client devices need to have one of the following browsers to access the bus-reservation websites:

* Google Chrome version 20 or higher(can download at <https://www.google.com/intl/en/chrome/browser/>)